

1                   ABSTRACT  
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3                   A damper control device suitable for use in a fireplace comprises a flue,  
4                   wherein products of combustion from the fireplace enter the flue, a damper  
5                   positioned in a damper pipe which is connected to the flue, with the damper movable  
6                   between open and closed positions, a motor having a shaft connected to the  
7                   damper, and a control circuit which initiates combustion and which receives a  
8                   damper signal which indicates whether the damper is in the open or closed position.

9                   In response to a request for heat, the control circuit initiates combustion after  
10                  receiving the damper signal indicating that the damper is in the open position. The  
11                  damper control device can also have a mounting ring extending generally  
12                  perpendicularly from the damper pipe for connecting the damper pipe to the flue.  
13                  For air-cooled flues, an adapter can be added to allow passage of air along the flue.  
14                  A status module may be provided for operational or troubleshooting purposes.

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